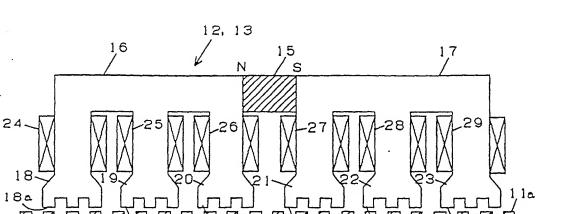


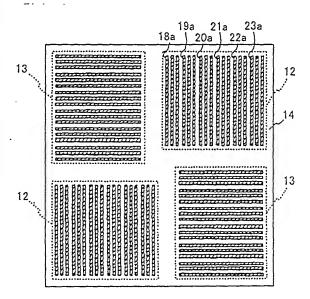
Fig. 3

Fig. 4

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2 ia



19a

20a

Fig. 5

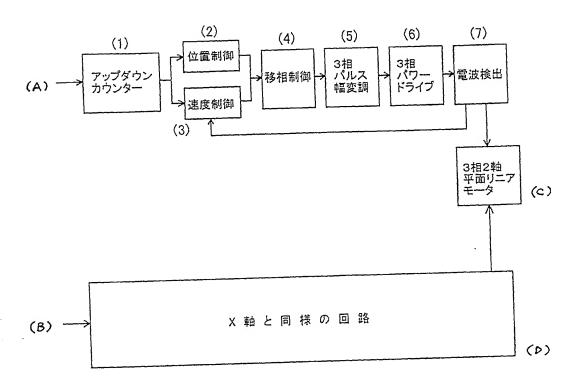
23a

22a

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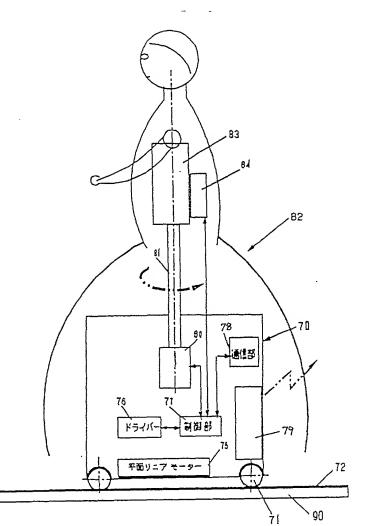
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- up/down counter (1)
- (2) position control
- speed control (3)
- phase control (4)
- three-phase pulse width modulation (5)
- three-phase power driving (6)
- current detection (7)
- X-direction motor driving instruction (pulse train or commands) (A)
- (B) Y-direction motor driving instruction (pulse train or commands)
- three-phase biaxial planar linear motor (C)
- same circuit as circuit for X-direction

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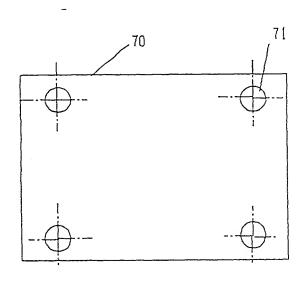


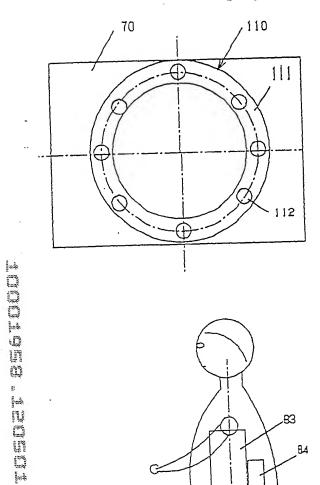
75: planar linear motor

motor driver 76:

77: controller

78: communicator





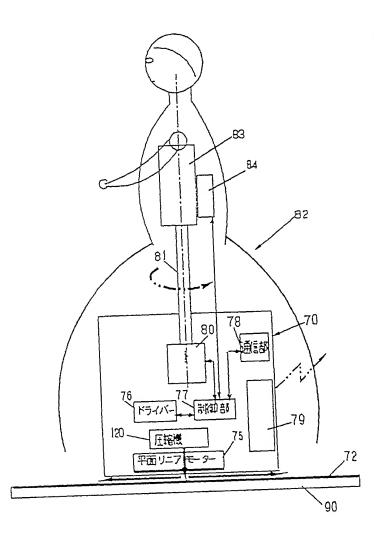


Fig. 10

75: planar linear motor

76: motor driver

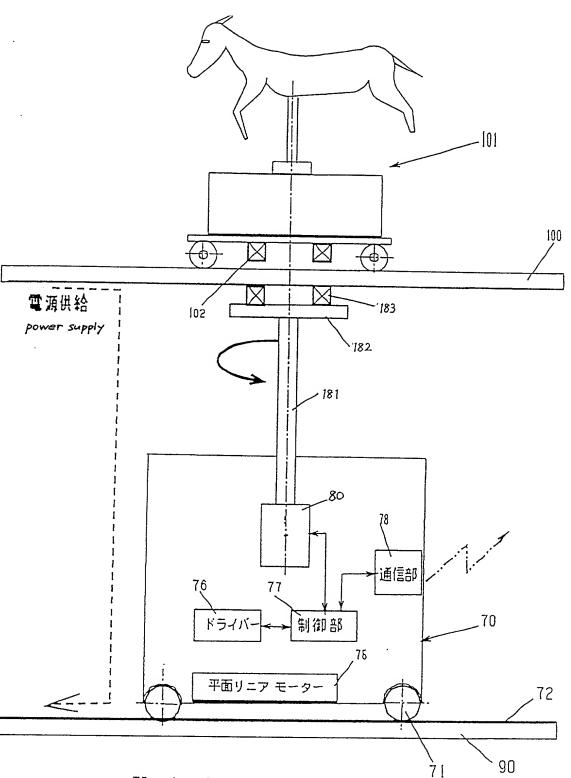
controller 77:

communicator 78:

120: compressor

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Fig. 11



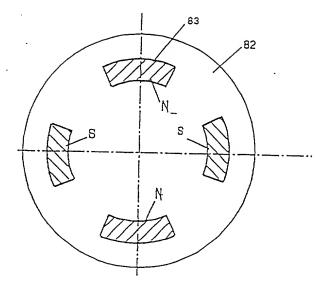
75: planar linear motor

76: motor driver

77: controller

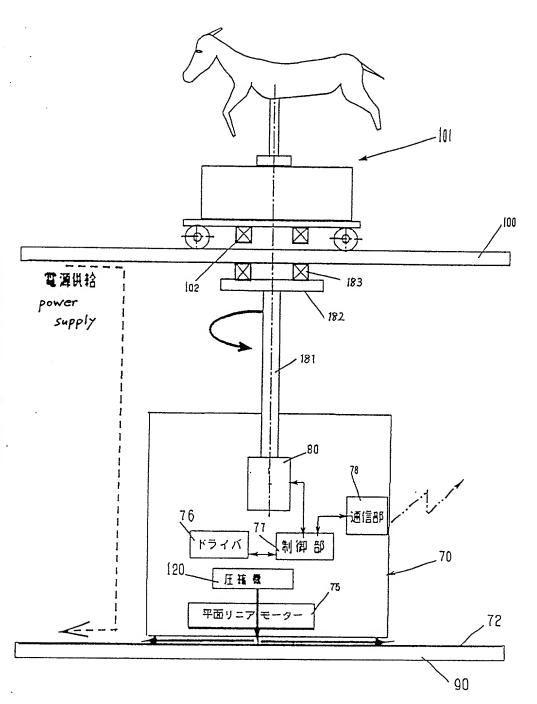
78: communicator

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75: planar linear motor

76: motor driver

77: controller

78: communicator

120: compressor